



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

MEMORANDUM

Date: September 27, 2004

Subject: Contract Laboratory Program Data Review

From: *Marvelyn Humphrey*, ESAT Regional PO, 6MD-HE

To: V. Malott, 6SF-AP

Site : JONES ROAD GROUND WATER PLUME

Case#: 33186

SDG# : F12T1

The EPA Region 6 Houston Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the data review report.

If you have any questions regarding the data review report, please call me at (281) 983-2140.

Attachments

cc: R. Flores, Region 6 CLP/TPO
M. El-Feky, Region 6 Data Coordinator
Files (2)



200388

LOCKHEED MARTIN SERVICES GROUP
ESAT REGION 6
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

MEMORANDUM

DATE: September 20, 2004
TO: Marvelyn Humphrey, ESAT PO, Region 6
FROM: Tom C. H. Chiang, ESAT Program Manager, Region 6 *Jack H. C.*
SUBJECT: CLP Data Review
REF: TDF # 6-04-240A ESAT # O-0564
 ESAT Contract No. 68-W-01-030

Attached is the data review summary for Case #33186

SDG #F12T1

Site Jones Road Ground Water Plume

COMMENTS:

I. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

CCS and hard copy reviews found the package contractually compliant.

II. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

The total number of sample results reviewed was 300 for this data package. Some results were qualified for technical problems. The significant problems are addressed below.

A. Three samples had low DMC12 recoveries.

B. Poor PE sample performance caused the qualification of one dichlorodifluoromethane result that was above the CRQL.

III. OTHER AREA OF CONCERN

Field blank sample F1322 and trip blank sample F1327 had excessive methyl tert-butyl ether contamination.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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ORGANIC REGIONAL DATA ASSESSMENT

CASE NO. 33186
LABORATORY SHEALY
CONTRACT# 68-W-01-040
SDG# F12T1
SOW# OLC03.2
ACCT# 4302DD2CJN57
SF# 302DD2CNK

SITE Jones Road Ground Water Plume
NO. OF SAMPLES 6
MATRIX 5 Water/1 PE
REVIEWER (IF NOT ESB) ESAT
REVIEWER'S NAME L. Hoffman
COMPLETION DATE September 20, 2004

SAMPLE NO. F12T1 F1344
F13F5
F1322
F1327
F1343

DATA ASSESSMENT SUMMARY

VOA

1. HOLDING TIMES	<u>O</u>
2. GC/MS TUNE/INSTR. PERFORM.	<u>O</u>
3. CALIBRATIONS	<u>O</u>
4. BLANKS	<u>M</u>
5. DMC/SURROGATES	<u>M</u>
6. MATRIX SPIKE/DUPLICATE/LCS	<u>O</u>
7. OTHER QC	<u>M</u>
8. INTERNAL STANDARDS	<u>O</u>
9. COMPOUND ID/QUANTITATION	<u>O</u>
10. PERFORMANCE/COMPLETENESS	<u>O</u>
11. OVERALL ASSESSMENT	<u>M</u>

O = Data had no problems.

M = Data qualified due to major or minor problems.

Z = Data unacceptable.

NA = Not applicable.

ACTION ITEMS:

AREA OF CONCERN: Poor DMC performance caused result qualification for three samples. Field contamination caused qualification of one tetrachloroethene result. The PE sample had an action high result for dichlorodifluoromethane.

NOTABLE PERFORMANCE:

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 33186 SDG F12T1 SITE Jones Road Ground Water Plume LAB SHEALY

The following is a summary of sample qualifiers used by Region 6 in reporting this CLP data:

<u>No.</u>	<u>Acceptable</u>	<u>Provisional</u>	<u>Unacceptable</u>
VOA	2	3	

COMMENTS: This SDG, contracted under Low Concentration SOW OLC03.2, consisted of five water samples and one PE sample for VOA analysis. The sampler designated sample F1322 as a field blank, sample F1327 as a trip blank, and sample F13F5 as a PE sample. The sampler did not designate a laboratory QC sample. The laboratory notified the Agency that there was not enough sample volume to perform QC analyses, and the Agency informed them that QC analyses were not required. The RSCC personnel confirmed samples F12T1/F1343 and F1344/F12P6 (SDG F12L9) were field duplicate pairs. The laboratory met the contractual seven-day data package turnaround requirement, and the package was contractually compliant.

The TDF requested that this package be reviewed at level 2 review. The target compounds of concern with the user's desired detection limits in parentheses were vinyl chloride (2 µg/L), trans-1,2-dichloroethene (7 µg/L), cis-1,2-dichloroethene (7 µg/L), and tetrachloroethene (5 µg/L). All samples met the desired detection limit criteria. The only target compound of concern detected was tetrachloroethene in sample F1344, but the concentration was below the user's desired detection limit.

Target compounds not designated as compounds of concern that were detected at concentrations above the CRQL's were dichlorodifluoromethane in sample F1344 and methyl-tert-butyl ether in the field and trip blanks. The VDMC12 had low recoveries for all samples and the storage blank.

The PE sample results indicated action high results for dichlorodifluoromethane and vinyl chloride and a missed TIC. Please note that the PE sample was not subject to laboratory QC evaluation because it constituted a QC parameter. The PE sample, therefore, was not included in the table above summarizing data usability.

Three field samples were provisional because of problems with field contamination, DMC recovery, and/or poor PE sample performance. The technical usability of all reported results is indicated by ESAT's final data qualifiers in the Data Summary Table (DST). An Evidence Audit was conducted for the Complete Sample Delivery Group File (CSF), and the audit results were reported on the Evidence Inventory Checklist.

ORGANIC QA REVIEW
CONTINUATION PAGE

CASE 33186 SDG F12T1 SITE Jones Road Ground Water Plume LAB SHEALY

NOTE: THE FOLLOWING REVIEW NARRATIVE ADDRESSES BOTH CONTRACTUAL ISSUES (BASED ON THE STATEMENT OF WORK) AND TECHNICAL ISSUES (BASED ON THE NATIONAL FUNCTIONAL GUIDELINES). THE ASSESSMENT MADE FOR EACH QC PARAMETER IS SOLELY BASED ON THE TECHNICAL DATA USABILITY, WHICH MAY NOT NECESSARILY BE AFFECTED BY CONTRACTUAL PROBLEMS. THE ASSESSMENTS ARE DEFINED BELOW.

Acceptable = No results were qualified for any problem associated with this QC parameter.
Provisional = Some results were qualified because of problems associated with this QC parameter.
Unusable = All results are unusable because of major problems associated with this QC parameter.

1. **Holding Times:** Acceptable. The PE sample was exempt from holding time and preservation requirements. All other samples were analyzed within the contractual and technical holding time limits, and pH values indicated that these samples were preserved with acid.

NOTE: Polymerization of vinyl chloride and styrene is likely to occur in acid-preserved samples and could cause low biased results for these analytes.

2. **Tuning/Performance:** Acceptable. BFB analyses met GC/MS tuning criteria.

3. **Calibrations:** Acceptable. Target analytes met contractual calibration criteria. Several analytes failed the technical %RSD or %D calibration criteria but were not detected in the samples, so qualification of results was not required per Region 6 guidelines.

Raw data indicated instrument sensitivity was extremely low for methyl acetate and 1,2-dibromo-3-chloropropane for the calibration standards associated with the storage blank reanalysis. Since the storage blank reanalysis data was not designated for use, the low sensitivity does not impact the data quality.

4. **Blanks:** Provisional. The method and storage blanks met the contractual QC guidelines although the blanks contained bromomethane, acetone, methylene chloride, chloroform, cyclohexane, 2-hexanone, and/or 1,1,2,2-tetrachloroethane at various concentrations. However, this laboratory contamination did not affect any sample results.

ORGANIC QA REVIEW
CONTINUATION PAGE

CASE 33186 SDG F12T1 SITE Jones Road Ground Water Plume LAB SHEALY

Trip and Field Blanks: The field samples in this SDG were associated with trip blank sample F1327 and field blank sample F1322. The field QC samples contained methyl tert-butyl ether at concentrations above the CRQL and toluene, tetrachloroethene, ethylbenzene, and/or total xylenes at concentrations below the CRQL's. The effects of this shipping and field contamination are summarized below.

- The tetrachloroethene result above the CRQL in sample F1344 was biased high (reviewer "B"-flag).
- The methyl tert-butyl ether and toluene results below the CRQL's in sample F1344 should be considered undetected and were flagged "U" at the CRQL's on the DST.

5. Deuterated Monitoring Compounds (DMC's)/Surrogates:

Provisional. All samples met the contractual QC criteria for DMC performance. Although contractually acceptable, the storage blank and all samples in this SDG had VDMC12 (bromoform-d) recoveries below the QC limits, and the reanalyzed storage blank repeated the problem. The reviewer suspects the across-the-board poor DMC performance may be caused by problems with the spiking solution. Nonetheless, because of the low DMC recoveries, the reviewer qualified the 1,2-dibromoethane, dibromochloromethane, and bromoform QL's as estimated and low biased for samples F12T1, F1343, and F1344. Because the VDMC12 recoveries were only marginally low, the reviewer did not qualify the results for field QC samples F1322 and F1327.

6. Matrix Spike/Matrix Spike Duplicate/Laboratory Control Sample (MS/MSD/LCS): Not Applicable.

7. Other QC:

Field Duplicates: Acceptable. All field duplicate results were consistent.

PE Sample: Provisional. According to the PE sample score report, dichlorodifluoromethane and vinyl chloride had "action high" results. Therefore, the reviewer qualified the reported concentration for dichlorodifluoromethane as estimated and biased high for sample F1344. The rest of the sample results for vinyl chloride and dichlorodifluoromethane were non-detects, so result qualification was not required. The score report stated that the laboratory missed the spiked TIC 2,2-dichloropropane. In the reviewer's opinion, the missed TIC did not affect the target analyte results.

8. Internal Standards (IS): Acceptable. IS performance was acceptable for all analyses.

ORGANIC QA REVIEW
CONTINUATION PAGE

CASE 33186 SDG F12T1 SITE Jones Road Ground Water Plume LAB SHEALY

9. **Compound Identity (ID)/Quantitation:** Acceptable. Target compounds detected at concentrations above the CRQL's in the field samples were dichlorodifluoromethane in sample F1344 and methyl tert-butyl ether in the field and trip blank samples. All reported sample results met compound identification criteria.

10. **Performance/Completeness:** Acceptable. The data package was complete. A resubmission was received in response to CCS. The corrected Form 1LCB for sample F1343 was used to replace the corresponding page in the package, and the laboratory response Cover Sheet was placed at the beginning of the package. The laboratory was contacted by the Region concerning some other issues (see Resubmission Request). The resubmission in response to the Region's request is not expected to affect the DST in this report.

11. **Overall Assessment:** Samples F1322 and F1327 were acceptable. Samples F12T1, F1343, and F1344 were provisional because some results were qualified for problems with field contamination, DMC recovery, and/or PE sample performance.

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
LABQUAL: Laboratory Qualifier
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
CRQLLBL: Contract Required Quantitation Limit Label
SMPDATE: Sampling Date
VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)
STATLOC: Station Location

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, and VALDQAL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

- U Not detected at reported quantitation limit.
- N Identification is tentative.
- J Estimated value.
- L Reported concentration is below the CRQL.
- M Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.
- R Unusable.
- ^ High biased. Actual concentration may be lower than the concentration reported.
- v Low biased. Actual concentration may be higher than the concentration reported.
- F+ A false positive exists.
- F- A false negative exists.
- B This result may be high biased because of laboratory/field contamination. The reported concentration is above 5X or 10X the concentration reported in the method/field blank.
- UJ Estimated quantitation limit.
- T Identification is questionable because of absence of other commonly coexisting pesticides.
- * Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.
- W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMF	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	LABQUAL	UNITS	ADJCRQL	CRQLLBL	SMPDATE	VALDQAL	STATLOC
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	74873	Chloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	75014	Vinyl Chloride	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	74839	Bromomethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	75003	Chloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	75694	Trichlorodifluoromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	67641	Acetone	5.0	U	UG/L	5.0	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	75150	Carbon Disulfide	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	79209	Methyl Acetate	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	75092	Methylene Chloride	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	1634044	Methyl tert-Butyl Ether	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	78933	2-Butanone	5.0	U	UG/L	5.0	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	74975	Bromochloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	67663	Chlorform	0.23	J	UG/L	0.50	U	08/19/2004	LJ	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	110827	Cyclohexane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	71432	Benzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	79016	Trichloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	108872	Methylcyclohexane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	75274	Bromodichloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	108883	Toluene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	127184	Tetrachloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	591786	2-Hexanone	5.0	U	UG/L	5.0	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	124481	Bromobromochloromethane	0.50	U	UG/L	0.50	U	08/19/2004	UJv	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	U	08/19/2004	UJv	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	108907	Chlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	100414	Ethylbenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	1330207	Xylenes (total)	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	100425	Styrene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	75252	Bromoform	0.50	U	UG/L	0.50	U	08/19/2004	UJv	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	98828	Isopropylbenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	98128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F12T1	H2000301	W	08/22/2004	17:36	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	75718	Dichlorodifluoromethane	19		UG/L	0.50				
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	74873	Chloromethane	0.50	U	UG/L	0.50	U			
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	75014	Vinyl Chloride	24		UG/L	0.50				
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	74839	Bromomethane	0.50	U	UG/L	0.50	U			
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	75003	Chloroethane	0.50	U	UG/L	0.50	U			
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	75694	Trichlorodifluoromethane	0.50	U	UG/L	0.50	U			
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	75354	1,1-Dichloroethene	5.7		UG/L	0.50				
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	U			
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	67641	Acetone	5.0	U	UG/L	5.0	U			
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	75150	Carbon Disulfide	0.50	U	UG/L	0.50	U			
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	79209	Methyl Acetate	0.50	U	UG/L	0.50	U			
33186	F12T1	F13F5	H2000306	W	08/22/2004	20:39	75092	Methylene Chloride	0.50	U	UG/L	0.50	U			

33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	156605	trans-1,2-Dichloroethene	2.6	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	1634044	Methyl tert-Butyl Ether	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	75343	1,1-Dichloroethane	1.8	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	156592	cis-1,2-Dichloroethene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	78933	2-Butanone	5.0	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	74975	Bromoform	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	67663	Chloroform	7.0	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	71556	1,1,1-Trichloroethane	2.4	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	110827	Cyclohexane	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	56235	Carbon Tetrachloride	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	71432	Benzene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	107062	1,2-Dichloroethane	0.32	J	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	79016	Trichloroethene	3.6	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	108872	Methylcyclohexane	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	78875	1,2-Dichloropropane	8.7	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	75274	Bromodichloromethane	3.3	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	10061015	cis-1,3-Dichloropropene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	108101	4-Methyl-2-pentanone	5.0	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	108883	Toluene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	10061026	trans-1,3-Dichloropropene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	79005	1,1,2-Trichloroethane	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	127184	Tetrachloroethene	4.7	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	591786	2-Hexanone	5.0	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	124481	Dibromochloromethane	10	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	106934	1,2-Dibromoethane	7.0	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	108907	Chlorobenzene	21	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	1004414	Ethylbenzene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	1330207	Xylenes (total)	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	100425	Styrene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	75252	Bromoform	14	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	98828	Isopropylbenzene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	79345	1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	541731	1,3-Dichlorobenzene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	106467	1,4-Dichlorobenzene	9.3	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	95501	1,2-Dichlorobenzene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	96128	1,2-Dibromo-3-chloropropane	10	UG/L	0.50		
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	120821	1,2,4-Trichlorobenzene	0.50	U	0.50	U	
33186	F12T1	F13F5	H2000306 W	08/22/2004 20:39	87616	1,2,3-Trichlorobenzene	0.50	U	0.50	U	
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	75718	Dichlorodifluoromethane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	74873	Chloromethane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	75014	Vinyl Chloride	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	74839	Bromomethane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	75003	Chloroethane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	75694	Trichlorofluoromethane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	75354	1,1-Dichloroethene	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	67641	Acetone	5.0	UG/L	5.0	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	75150	Carbon Disulfide	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	79209	Methyl Acetate	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	75092	Methylene Chloride	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	156605	trans-1,2-Dichloroethene	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	1634044	Methyl tert-Butyl Ether	8.3	UG/L	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	75343	1,1-Dichloroethane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	156592	cis-1,2-Dichloroethene	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	78933	2-Butanone	5.0	U	5.0	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	74975	Bromoform	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	67663	Chloroform	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	71556	1,1,1-Trichloroethane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	110827	Cyclohexane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	56235	Carbon Tetrachloride	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	71432	Benzene	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	107062	1,2-Dichloroethane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	79016	Trichloroethene	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004 18:02	108872	Methylcyclohexane	0.50	U	0.50	U	08/19/2004 U FIELD BLANK 15

33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	75274	Bromodichloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	108883	Toluene	0.16	J	UG/L	0.50	U	08/19/2004	LJ	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	127184	Tetrachloroethene	0.12	J	UG/L	0.50	U	08/19/2004	LJ	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	591786	2-Hexanone	5.0	U	UG/L	5.0	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	124481	Dibromochloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	108907	Chlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	100414	Ethylbenzene	0.13	J	UG/L	0.50	U	08/19/2004	LJ	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	1003207	Xylenes (total)	0.35	J	UG/L	0.50	U	08/19/2004	LJ	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	100425	Styrene	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	75252	Bromoform	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	98828	Isopropylbenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	79345	1,1,2-Tetrachloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1322	H2000302 W	08/22/2004	18:02	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	FIELD BLANK 15
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	74873	Chloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	75014	Vinyl Chloride	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	74839	Bromomethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	75003	Chloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	75694	Trichlorofluoromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	67641	Acetone	5.0	U	UG/L	5.0	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	156592	cis-1,2-Dichloroethylene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	78933	2-Butanone	5.0	U	UG/L	5.0	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	74975	Bromodichloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	67663	Chloroform	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	110827	Cyclohexane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	71432	Benzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	79016	Trichloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	108872	Methylcyclohexane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	75274	Bromodichloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	108883	Toluene	0.15	J	UG/L	0.50	U	08/19/2004	LJ	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	127184	Tetrachloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	591786	2-Hexanone	5.0	U	UG/L	5.0	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	124481	Dibromochloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	108907	Chlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	100414	Ethylbenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	1330207	Xylenes (total)	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14

33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	100425	Styrene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	75252	Bromoform	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	98828	Isopropylbenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1327	H2000303 W	08/22/2004	18:28	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TRIP BLANK 14
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	74873	Chloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	75014	Vinyl Chloride	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	74839	Bromomethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	75003	Chloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	75694	Trichlorodifluoromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	67641	Acetone	5.0	U	UG/L	5.0	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	75150	Carboxylic Acid, Disulfide	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	79209	Methyl Acetate	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	75092	Methylene Chloride	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	1634044	Methyl tert-Butyl Ether	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	78933	2-Butanone	5.0	U	UG/L	5.0	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	74975	Bromochloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	67663	Chloroform	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	110827	Cyclohexane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	71432	Benzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	79016	Trichloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	108872	Methylcyclohexane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	75274	Bromodichloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	108883	Toluene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	127184	Tetrachloroethene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	591786	2-Hexanone	5.0	U	UG/L	5.0	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	124481	Dibromochloromethane	0.50	U	UG/L	0.50	U	08/19/2004	UJv	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	U	08/19/2004	UJv	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	108907	Chlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	100414	Ethylbenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	1330207	Xylenes (total)	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	100425	Styrene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	75252	Bromoform	0.50	U	UG/L	0.50	U	08/19/2004	UJv	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	98828	Isopropylbenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1343	H2000304 W	08/22/2004	18:55	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004	U	TT11112A
33186	F12T1	F1344	H2000305 W	08/22/2004	19:21	75718	Dichlorodifluoromethane	1.3	U	UG/L	0.50	U	08/19/2004	J^	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004	19:21	74873	Chloromethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004	19:21	75014	Vinyl Chloride	0.50	U	UG/L	0.50	U	08/19/2004	U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004	19:21	74839	Bromomethane	0.50	U	UG/L	0.50	U	08/19/2004	U	TO11102A

33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	75003	Chloroethane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	75694	Trichlorofluoromethane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	67641	Acetone	5.0	U	UG/L	5.0	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	75150	Carbon Disulfide	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	79209	Methyl Acetate	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	75092	Methylene Chloride	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	1634044	Methyl tert-Butyl Ether	0.50	J	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	78933	2-Butanone	5.0	U	UG/L	5.0	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	74975	Bromochloromethane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	67663	Chloroform	0.28	J	UG/L	0.50	U	08/19/2004 LJ	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	110827	Cyclohexane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	71432	Benzene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	79016	Trichloroethene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	108872	Methylcyclohexane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	75274	Bromodichloromethane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	108883	Toluene	0.50	J	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	127184	Tetrachloroethene	1.1	U	UG/L	0.50	U	08/19/2004 B	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	591786	2-Hexanone	5.0	U	UG/L	5.0	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	124481	Dibromochloromethane	0.50	U	UG/L	0.50	U	08/19/2004 UJv	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	U	08/19/2004 UJv	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	108907	Chlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	100414	Ethylbenzene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	1330207	Xylenes (total)	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	100425	Styrene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	75252	Bromoform	0.50	U	UG/L	0.50	U	08/19/2004 UJv	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	98828	Isopropylbenzene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A
33186	F12T1	F1344	H2000305 W	08/22/2004 19:21	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	U	08/19/2004 U	TO11102A

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 33186 SDG No. F12T1 SDG Nos. To Follow _____ SAS No. _____ Date Rec 08/27/04

EPA Lab ID: <u>SHEALY</u> Lab Location: <u>Cayce, SC</u> Region: <u>6</u> Audit No.: <u>33186/F12T1</u> Resubmitted CSF? Yes _____ No <u>X</u> Box No(s): <u>1</u> COMMENTS:	ORIGINALS CUSTODY SEALS 1. Present on package? <u>X</u> 2. Intact upon receipt? <u>X</u> FORM DC-2 3. Numbering scheme accurate? <u>X</u> 4. Are enclosed documents listed? <u>X</u> 5. Are listed documents enclosed? <u>X</u> FORM DC-1 6. Present? <u>X</u> 7. Complete? <u>X</u> 8. Accurate? <u>X</u> CHAIN-OF-CUSTODY RECORD(s) 9. Signed? <u>X</u> 10. Dated? <u>X</u> TRAFFIC REPORT(s) PACKING LIST(s) 11. Signed? <u>X</u> 12. Dated? <u>X</u> AIRBILLS/AIRBILL STICKER 13. Present? <u>X</u> 14. Signed? <u>X</u> 15. Dated? <u>X</u> SAMPLE TAGS 16. Does DC-1 list tags as being included? <u>X</u> 17. Present? <u>X</u> OTHER DOCUMENTS 18. Complete? <u>X</u> 19. Legible? <u>X</u> 20. Original? <u>X</u> 20a. If "NO", does the copy indicate where original documents are located? <u>X</u>
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Over for additional comments:

Audited by:

Audited by:

Audited by:

Linda Hoffman/ESAT Data Reviewer

Date 09/09/04

Date

Date

Signature

Printed Name/Title

DC-2

In Reference To Case No(s):
33186 SDG: F12T1 (O-0564)

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name: SHEALY
Lab Contact: Robert Zhu

Region: 6
Regional Contact: Mahmoud El-Feky - EPA
ESAT Reviewer: L. Hoffman - ESAT

In reference to data for the following fractions:

VOA

Summary of Questions/Issues:

1. The VDMC12 recovery problem for the holding blank and subsequent reanalysis were not addressed in the SDG narrative (OLC03.2, D-46/VOA, 12.1.6.3). Please resubmit the SDG narrative with this information.
2. The manual integrations associated with this SDG were not addressed in the SDG narrative (OLC03.2, B-12, 2.5.1). Please resubmit the SDG narrative with this information.
3. The starting time for the initial calibration on Forms 6 and 7 (pp. 95-97 and 137-139) for VSTD001 does not agree with the time in the raw data (p. 98) or recorded on Form 5 (p. 10). Please correct the injection times on the Forms 6 and 7 and resubmit these pages.

NOTE: Any laboratory resubmission should be submitted either as an addendum to the original CSF with a revised Form DC-2 or submitted as a new CSF with a new Form DC-2 (OLC03.2, B-36, 2.6.3). Custody seals are required for all such shipments.

Please respond to the above items within 7 days by e-mail to El-Feky.Mahmoud@epamail.epa.gov and by regular mail to:

Mr. Mahmoud El-Feky
U.S. EPA Region 6 Laboratory
10625 Fallstone Road
Houston, TX 77099

If you have any questions, please contact Mr. El-Feky at (281) 983-2128.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

Organic Traffic Report & Chain of Custody Record

Case No: 33186
DAS No:

R

Region: 6	Date Shipped: 8/19/2004	Chain of Custody Record	
Project Code:	Carrier Name: FedEx	Sampler Signature: <i>[Signature]</i>	DAS No:
Account Code:	Airbill: 847928506330	Relinquished By (Date / Time)	Received By (Date / Time)
CERCLIS ID:	Shipped to: Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700	1 <i>W.H. B. M.</i> 8/19/04 1400	
Spill ID:		2 <i>J. Rd.</i>	
Site Name/State: JONES ROAD GROUND WATER PLUME		3	
Project Leader: BILL HARDMANT		4	
Action:			
Sampling Co: Shaw Environmental, Inc.			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
F12S4	Ground Water	/G	VOA-3.2 (7)	336533 (HCL), 336534 (HCL), 336535 (HCL) (3)	TT11103	S: 8/19/2004 8:32		-
F12T1	Ground Water	/G	VOA-3.2 (7)	336393 (HCL), 336394 (HCL), 336395 (HCL) (3)	TT11112	S: 8/19/2004 9:24		-
F1322	Field QC	/G	VOA-3.2 (7)	364048 (HCL), 364049 (HCL), 364050 (HCL) (3)	FIELD BLANK 15	S: 8/19/2004 9:15		-
F1327	Field QC	/G	VOA-3.2 (7)	357096 (HCL), 357097 (HCL), 357098 (HCL) (3)	TRIP BLANK 14	S: 8/19/2004 7:30		Trip Blank
F1343	Ground Water	/G	VOA-3.2 (7)	336396 (HCL), 336397 (HCL), 336398 (HCL) (3)	TT11112A	S: 8/19/2004 9:24		Field Duplicate
F1344	Ground Water	/G	VOA-3.2 (7)	336542 (HCL), 336543 (HCL), 336544 (HCL) (3)	TO11102A	S: 8/19/2004 10:33		Field Duplicate

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i>	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High VOA-3.2 = CLP TCL VOCs by OLC03.2	Type/Designate Composite = C, Grab = G <i>[Signature]</i> <i>[Signature]</i>	Shipment Iced? _____

TR Number: 6-073826063-081904-0014

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA. 20191-3400 Phone 703/264-9348 Fax 703/264-9222

REGION COPY

F2V5.1.045 Page 2 of 2



United States Environmental Protection Agency
Contract Laboratory Program

**Organic Traffic Report
& Chain of Custody Record
(For Organic CLP Analysis)**

Case No.

33186

1. Project Code				2. Region No.	Sampling Co.	4. Date Shipped 8/16/2004	Carrier FEDEX	6. Matrix (Enter in Column A)	7. Preservative (Enter in Column D)			
Account Code				Sampler (Name)		Airbill Number 64986229925		1. Surface Water	1. HCl			
Site Name JONES RD GW PLUME				Sampler Signature		5. Ship To: SHEALY 106 VANTAGE POINT DR CAYCE SC 29033 ATTN: LORI CASTILLE		2. Ground Water	2. HNO3			
City, State		Site Spill ID	Op Unit	3. Purpose** Lead SF PRP ST FED BZ	Early Action IA PA REM RI SI ESI O&M	Long-Term Action RIFS RO RA O&M	6. PE-water	3. NaHSO4				
							4. Field QC	4. H2SO4				
							5. Soil/Sediment	5. Ice only				
							6. PE-soil	6. CH3OH				
							7. Other (specify in Column A)	7. Other (specify in Column D)				
								N. Not Preserved				
							PE					
CLP Sample Numbers (from labels) Other:	A Matrix (from Box 6) Low Med	B Conc.: Comp./Grab	C Sample Type: Other:	E RAS Analysis			F Regional Specific Tracking Number or Tag Numbers	G Station Location Identifier	H Mo/Day/Year/Time Sample Collection	I Corresponding CLP Inorganic Sample No.	J Sampler Initials	K Field QC Qualifier B = Blank S = Field Spike D = Field Duplicate R = Rinsate PE = Perform Eval.
				TA (circle one) PR * 7 14 21	TA (circle one) PR * 7 14 21	TA (circle one) PR * 7 14 21						
F03E8	PE	Low		X			V04893					
F13E9	PE	Low		X			V04894					
F13F0	PE	Low		X			V04895					
F13F1	PE	Low		X			V04883					
F13F2	PE	Low		X			V04919					
F13F3	PE	Low		X			V04914					
F13F4	PE	Low		X			V04923					
F13F5	PE	Low		X			V04908					
							YB S-16-04					
Shipment for Case Complete? <input checked="" type="checkbox"/> Y/N	Page <u>1</u> of <u>1</u>	VOA MS/MSD Required? <input checked="" type="checkbox"/> Y/N Sample #: <u></u>			Additional Sampler Signatures			Chain of Custody Seal Number(s)				
		BNA MS/MSD Required? <input checked="" type="checkbox"/> Y/N Sample #: <u></u>										
		Pest/PCB MS/MSD Required? <input checked="" type="checkbox"/> Y/N Sample #: <u></u>										

*PR provides 7-day data turnaround in addition to preliminary results. Requests for preliminary results will increase analytical costs.

Chain of Custody Record

Relinquished by: <i>[Signature]</i>	Date / Time 8/16/2004 4:00PM	Received by: <i>[Signature]</i>	Relinquished by: <i>[Signature]</i>	Date / Time	Received by: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Date / Time	Received by: <i>[Signature]</i>	Relinquished by: <i>[Signature]</i>	Date / Time	Received by: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Date / Time	Received for Laboratory by: <i>[Signature]</i>	Date / Time	Remarks: Is custody seal intact? Y/N/none	

Distribution: Blue - Region Copy
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Pink - SMO Copy
Yellow - Lab Copy for Return to Region

See Reverse for Additional Standard Instructions

**See Reverse for Purpose Code Definitions

CLASS-99-001

EPA Form 9110-2 (2/99)

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